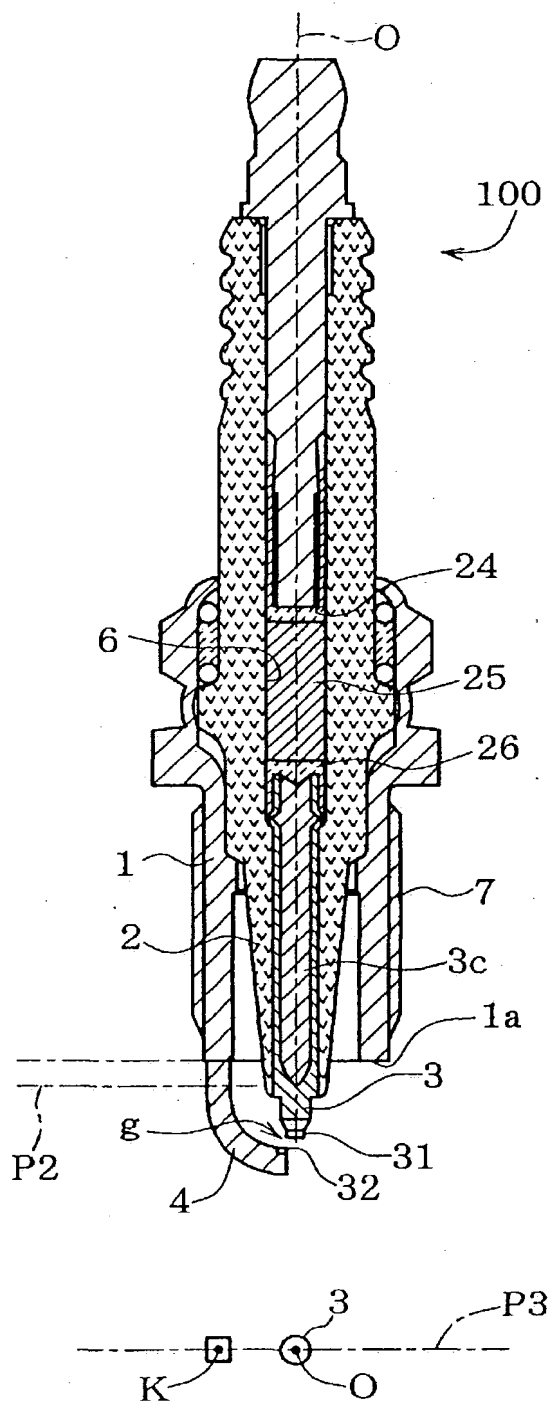
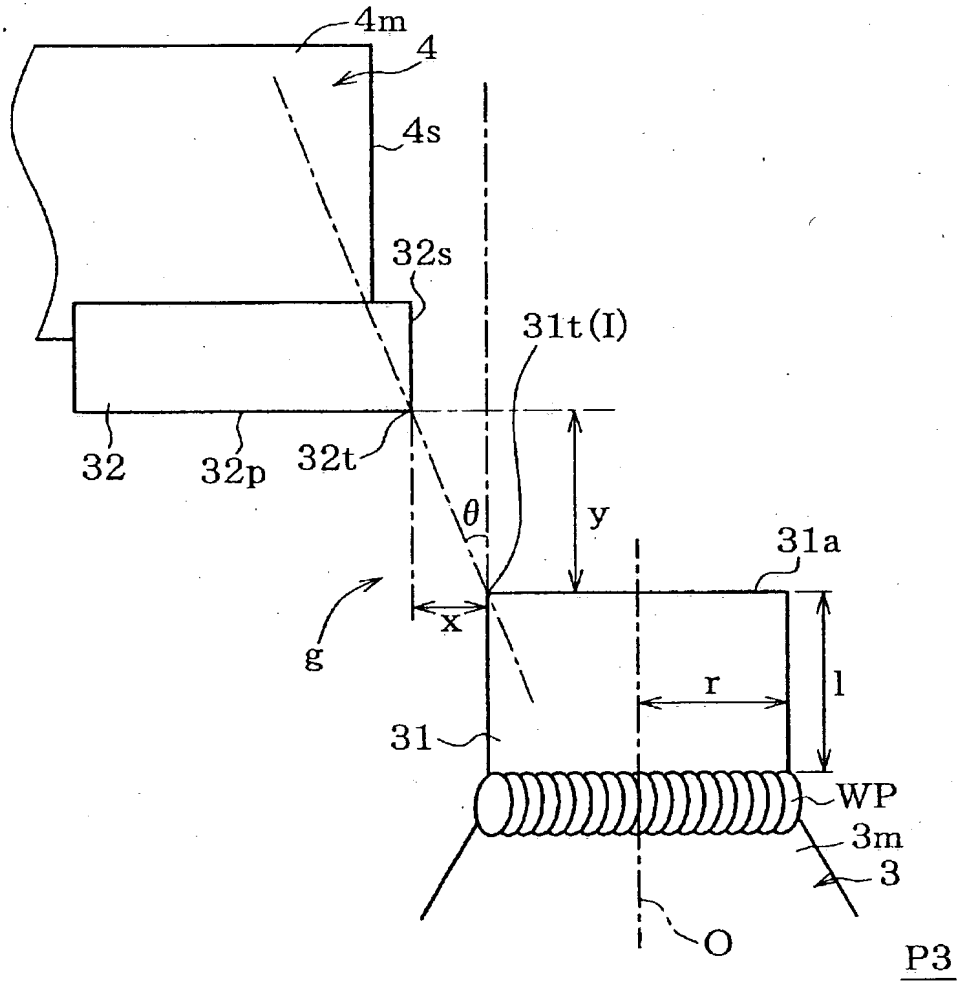


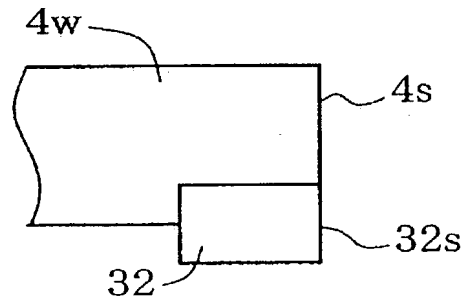
**Fig. 1**



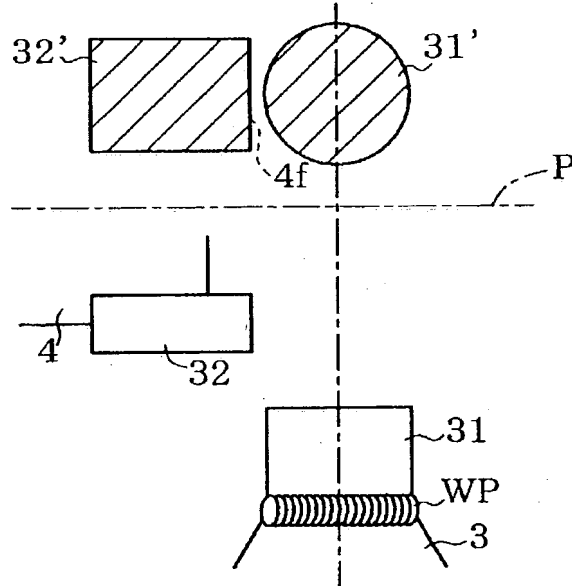
**Fig. 2**



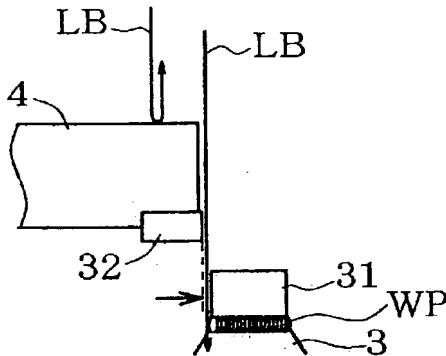
**Fig. 3**



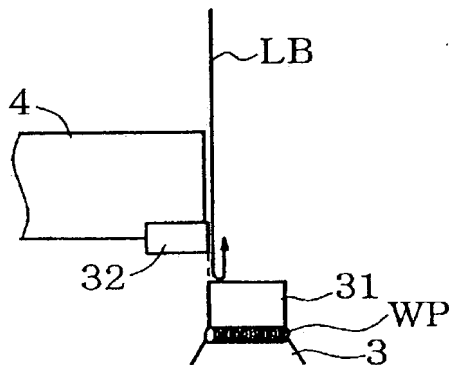
**Fig. 4**



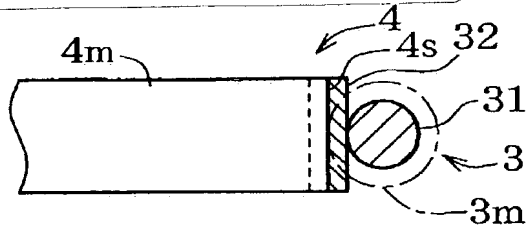
**Fig. 5A**



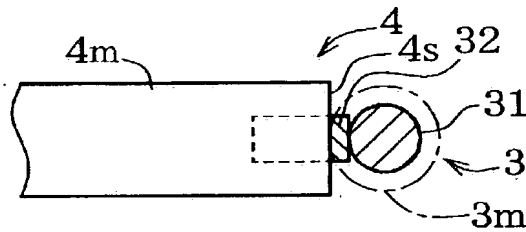
**Fig. 5B**



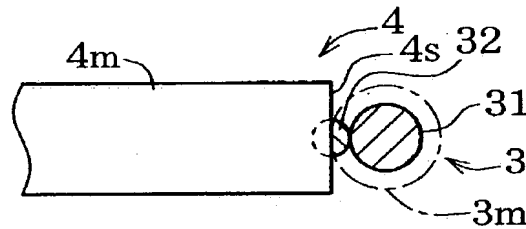
**Fig. 6**



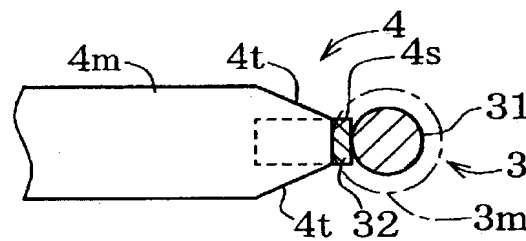
**Fig. 7**



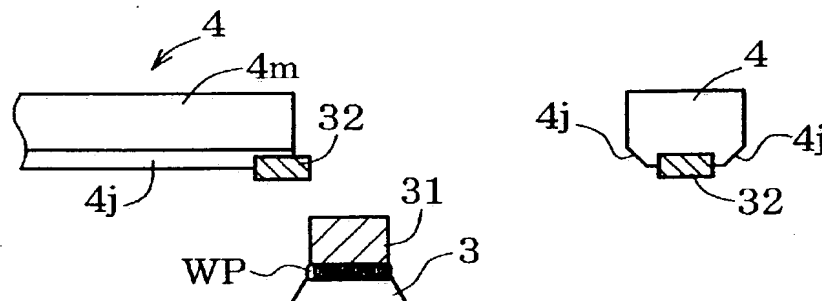
**Fig. 8**



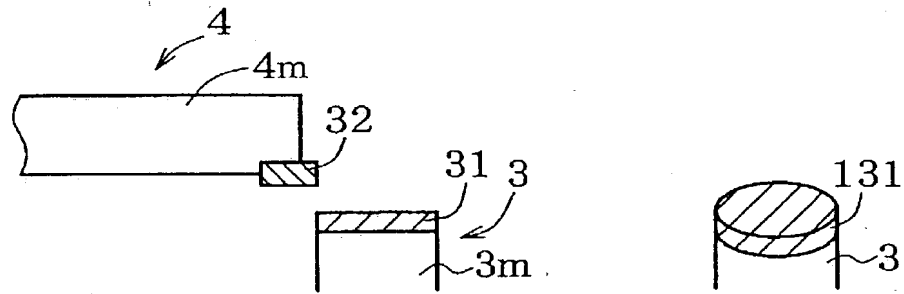
**Fig. 9**



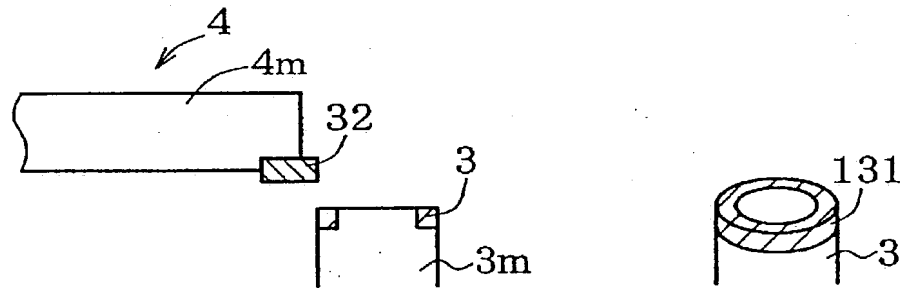
**Fig. 10**



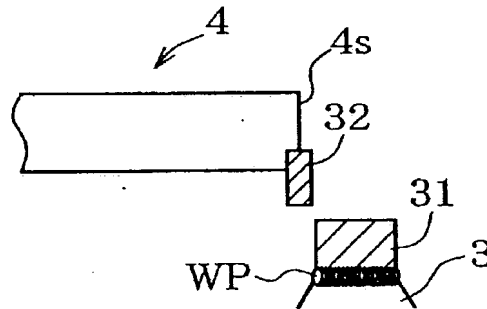
**Fig. 11**



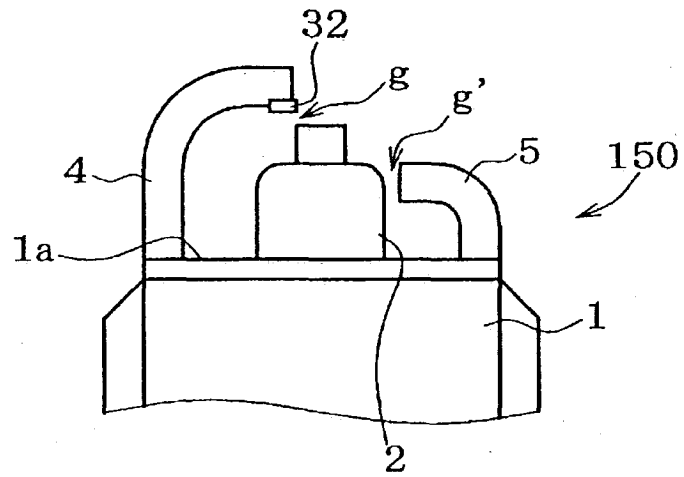
**Fig. 12**



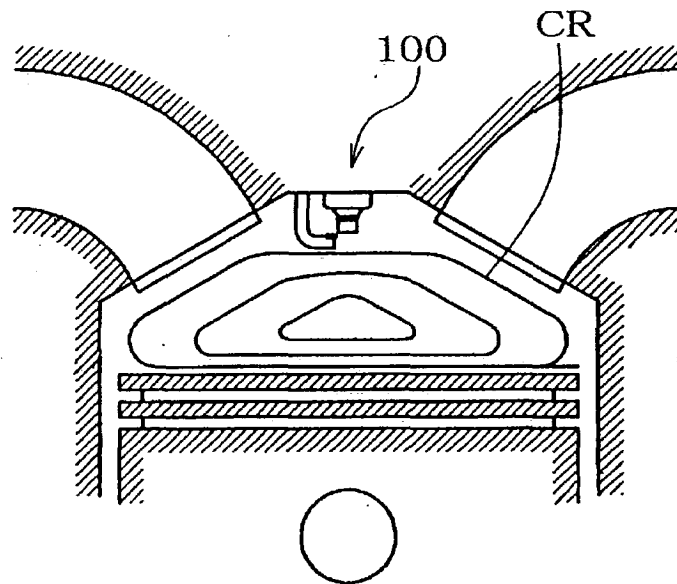
**Fig. 13**



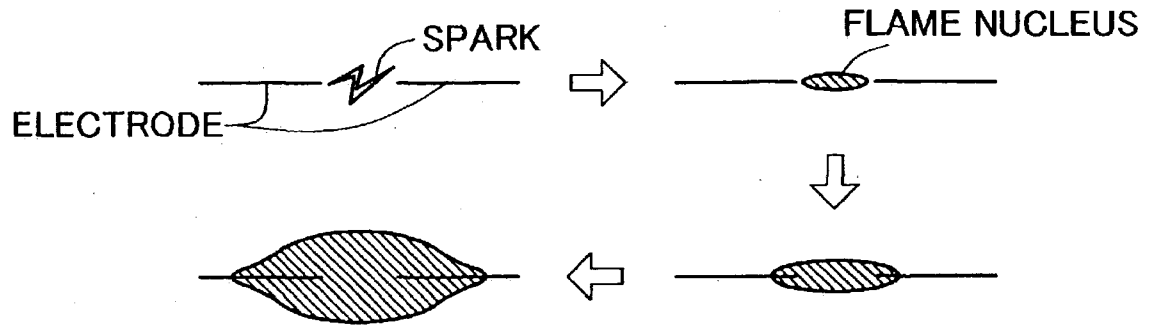
**Fig. 14**



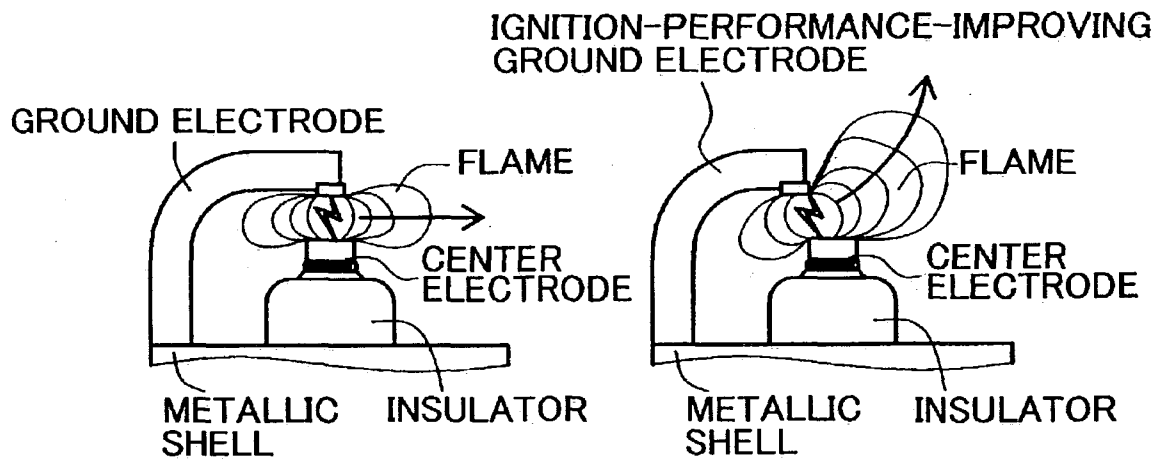
**Fig. 15**



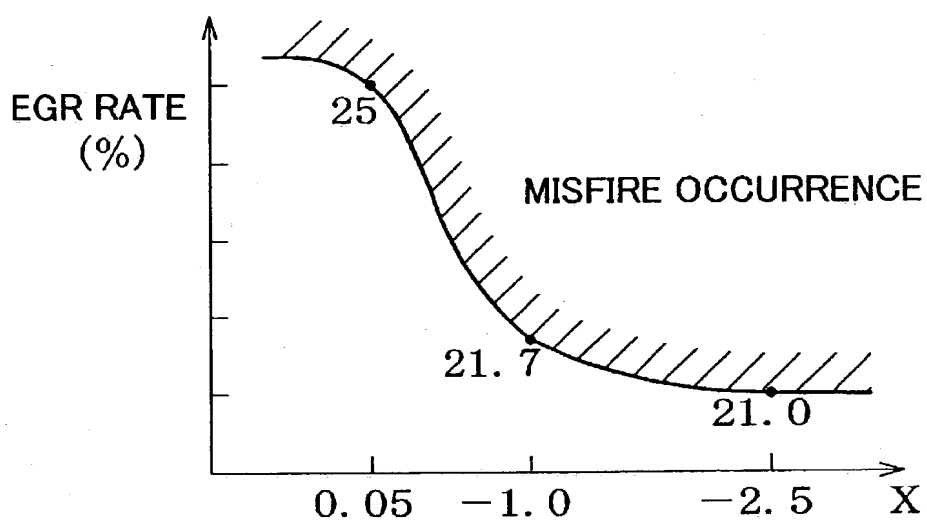
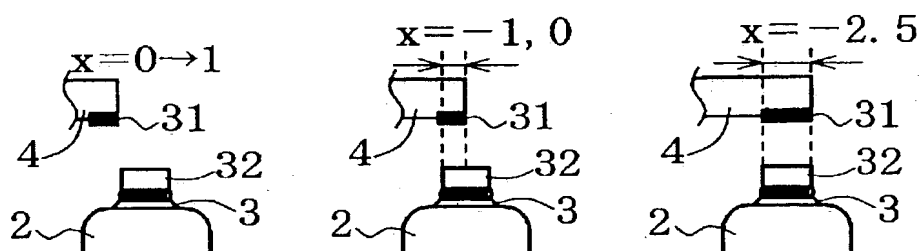
**Fig. 16**



**Fig. 17**

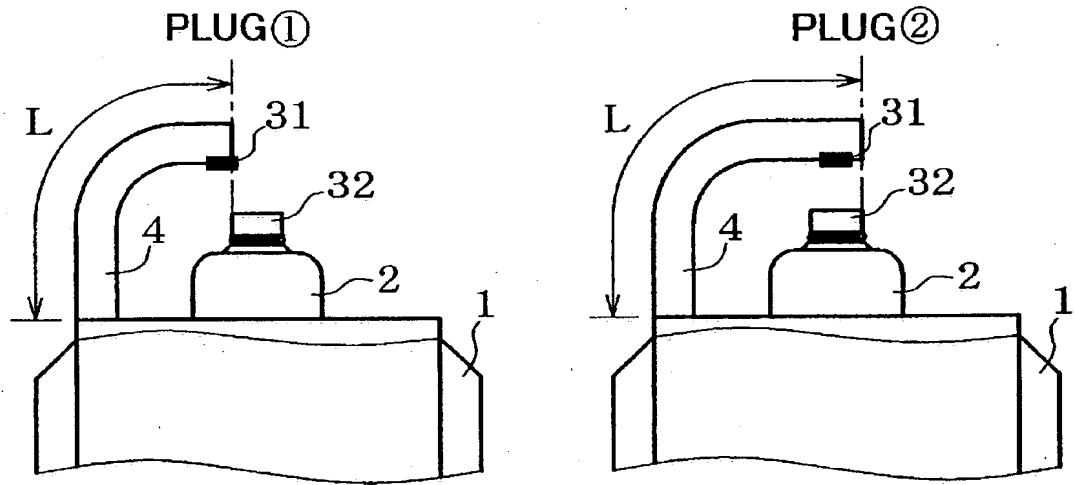


**Fig. 18**



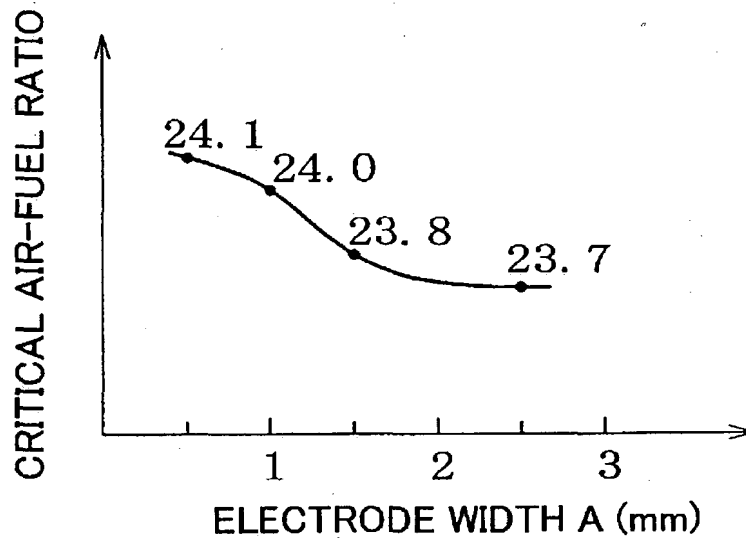
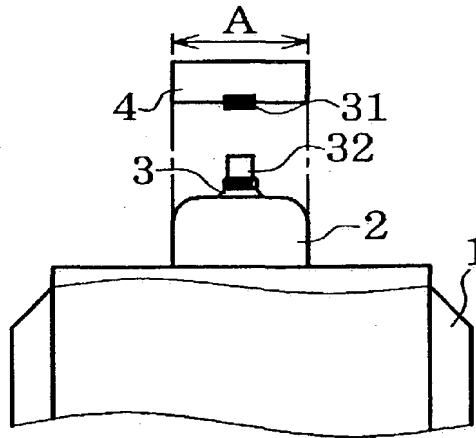


**Fig. 19**



	OUTSIDE ELECTRODE LENGTH (L)	RESONANCE FREQUENCY	DISTAL-END TEMPERATURE
①	9.5mm	18.0 kHz	850°C
②	12.0mm	13.9 kHz	900°C

**Fig. 20**



**Fig. 21**

